

Applicant: Paul Vanleene
Application No.: 10/591,102
Filed: August 30, 2006
Date: July 3, 2008
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IN THE CLAIMS:

Please amend claims 1-8 and add new claims 9-21 as noted hereinafter:

1-9. (cancelled).

10. (currently amended) The changeover system of claim 922, wherein the first and second work modules are provided with first and second wheels, respectively, in order to simplify the pivotal movement of the work modules between the off the line and in the line positions.

11. (previously presented) The changeover system of claim 10, wherein the metal forming mill includes a floor, and the first and second wheels are adapted to engage the floor of the metal forming mill.

12. (previously presented) The changeover system of claim 10, further comprising first and second rails that are adapted to be arranged in the processing line of the metal forming mill in the area where the first and second work modules are arranged, wherein the first and second wheels of the work modules engage the first and second rails, respectively, to enable a guided pivotal movement of the first and second work modules between the in the line and the off the line positions.

13. (previously presented) The changeover system of claim 12, wherein the metal forming mill includes a floor, and the first and second rails are adapted to be mounted on the floor of the metal forming mill.

14. (currently amended) The changeover system of claim 922, wherein the first and second work modules comprise rollers for forming a tube or an open profile.

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15. (currently amended) The changeover system according to claim 922, further comprising third and fourth work modules and third and fourth drive or drives that have the same construction and operate in the same manner as the first and second work modules and the first and second drive or drives so that the first and third work modules can be pivoted from in the line positions to off the line positions and, thereafter, the second and fourth work stations can be pivoted from off the line positions to in the line positions.

16. (currently amended) The changeover system of claim 922, wherein the first work module is adapted to form a first metal product, and wherein the second work module is adapted to form a second metal product.

17. (previously presented) The changeover system of claim 16, wherein the first metal product comprises a tube.

18. (previously presented) The changeover system of claim 16, wherein the second metal product comprises a tube.

19. (previously presented) A combination comprising the changeover system and metal forming mill of claim 9.

20. (previously presented) The combination of claim 19, wherein the metal forming mill comprises a tube-forming mill.

21. (currently amended) A method of using the changeover system of claim 9-22 in the metal forming mill of claim 9-22 to allow a changeover from forming a first metal product to forming a second metal product, the method comprising the steps of:

operatively mounting first and second work modules in the processing line of the metal forming mill, the first work module being disposed in an in the line position with respect to

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the processing line of the metal forming mill and the second work module being disposed in an off the line position with respect to the processing line of the metal forming mill;

operatively mounting first and second drive or drives with respect to the first and second work modules;

pivoting the first work module about the first axis from the in the line position to the off the line position;

pivoting the second work module about the second axis from the off the line position to the in the line position; and

using the second work module to form a second metal product.

22. (new) A changeover system that is adapted to be used in a processing line of a metal forming mill, the changeover system comprising:

first and second work modules that are adapted to be operatively mounted in the processing line of the metal forming mill;

each one of the first and second work modules having its own drive or drives, the drive or drives of the first work module being separate from the drive or drives of the second work module;

the first and second work modules being adapted to be independently pivoted with respect to each other about first and second axes, respectively, between an in the line position and an off the line position in a manner such, that only one of the first and second work modules can be arranged in the line at one time while the other of the first and second work modules is arranged off the line;

wherein the first and second work modules can be pivoted about the first and second axes from the off the line position to the in the line position without the need of electrical and mechanical disconnection and reconnection of the one or more drive or drives from the respective work module.